

From: [Thomas Steeger](#)
To: [Anita Pease](#)
Cc: [Thomas Moriarty](#)
Bcc: [Marietta Echeverria](#)
Subject: Re: US seed trtmt incidents
Date: 02/06/2013 09:41 AM

Below is my recollection of the incident data; if you need a more detailed analysis, I would have to return to the actual reports.

Based on a quick review of the EIIS on Jan 7, the following number of incidents were associated with neonics (these are overall number of incidents and do not reflect incidents that were associated with the planting of corn)

clothianidin	33
imidacloprid	29
thiamethoxam	25
dinotefuran	0
acetamiprid	0
thiacloprid	0

With respect to incidents reported in 2012 [in the U.S*.] associated with the seeding of treated corn, the number of incidents by state are:

Ohio	4
Minnesota	1
Iowa	1
New York	5
Indiana	9
Michigan	1

*two incidents in the EIIS are from Ontario, Canada, where PMRA investigated; it is my understanding that clothianidin residues were detected and were associated with the planting of treated seed.

Please keep in mind that not all of these incidents were investigated by states; however, those incidents that were investigated by states indicated the following for detections of clothianidin and/or thiamethoxam:

Ohio	0
Minnesota	0*
Iowa	0
Michigan	0
New York	1
Indiana	7**

*this incident was investigated separately by both the state and the registrant. Although one sample from the colonies in the registrant's investigation show residues of clothianidin, both the state and the registrant separately concluded that the incident was not associated with the planting of treated seed.

**one incident in Indiana was investigated separately by both the state and the registrant. This incident was very carefully evaluated and was clearly associated with the planting of treated seed. The remaining 6 incidents were investigated by the state and while clothianidin residues were clearly present, the investigations were sparsely documented in terms of the causal linkages with treated seed. It is reasonable that the elevated residues of clothianidin were not artifacts.

Where residues of clothianidin were detected, they ranged from the following

New York: 1.6 - 5.2 ppb

Indiana

A: 0.4 - 7 ppb

B: 3.5 ppb

C: confirmed by not specified

D: 2.5 - 3.1 ppb

E: 2.5 ppb

F: 0.02 - 80 ppb

G: 3.3 ppb

Thomas Steeger, Ph.D.
Senior Science Advisor
Environmental Fate and Effects Division
Office of Pesticide Programs
(703) 305-5444 (office)

▼ Anita Pease---02/06/2013 08:49:55 AM---Can you quickly pull together number of US incidents in 2012 due to dust from treated seed plantings

From: Anita Pease/DC/USEPA/US
To: Thomas Steeger/DC/USEPA/US@EPA, Thomas Moriarty/DC/USEPA/US@EPA
Date: 02/06/2013 08:49 AM
Subject: US seed trtmt incidents

Can you quickly pull together number of US incidents in 2012 due to dust from treated seed plantings and any info on neonic residues in dead bees?

We need this for Steve this am.

Thnks